

# INTERNATIONAL SEARCH REPORT

Int. Application No  
PCT/EP2004/013051

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 F16L59/14 F16L1/12

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 F16L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 02/44607 A (LAURAND GUY ;MAYAU DAVID (FR); TRELLEBORG IND (FR)) 6 June 2002 (2002-06-06) cited in the application page 1, line 5 - line 24 page 4, line 7 - page 7, line 30 page 13, line 9 - page 14, line 2 figures 1,2,4A,5	1-4
Y	US 6 397 895 B1 (LIVELY F GLENN) 4 June 2002 (2002-06-04) column 4, line 26 - column 12; figure 1 ----- -/--	1,2,4

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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"A" document defining the general state of the art which is not considered to be of particular relevance

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

27 January 2005

Date of mailing of the international search report

04/02/2005

Name and mailing address of the ISA

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 International Application No  
 PCT/EP2004/013051

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 02/16726 A (CRP GROUP LTD ;GIBSON ROBERT (GB); HEPWORTH RICHARD (GB); TYRER AN) 28 February 2002 (2002-02-28) page 1, line 3 - page 3, line 15 page 6, line 22 - page 8, line 20 figures 1-6 -----	3
A	US 4 590 971 A (WADIE BRIAN J ET AL) 27 May 1986 (1986-05-27) column 2, line 48 - column 3, line 37; figures 1,2 -----	2

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Information on patent family members

Inventor's Application No

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